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Inventor Information for 10/511310

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Serial Number: 10/511310

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PALM**

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Printout shows Inventor search terms**

US 20060092180 A1	20060504	Data input device and display layout method for the same	345/629		Hasegawa; Hiroyasu
US 20060087562 A1	20060427	Image capturing apparatus	348/208.12		Nakanishi; Hideaki et al.
US 20060087561 A1	20060427	Digital camera	348/208.5		Kojima; Kazuhiko et al.
US 20060077281 A1	20060413	Image pickup device and portable terminal	348/360		Hasegawa; Hiroshi
US 20060067846 A1	20060330	Compressor	418/47		Okaichi; Atsuo et al.
US 20060058113 A1	20060316	Putter-type club head	473/340		Hasegawa; Hiroshi
US 20060056891 A1	20060316	Image heating apparatus including flexible metallic sleeve, and heater used for this apparatus	399/329	219/216	Hashiguchi; Shinji et al.
US 20060037798 A1	20060223	Wheeled vehicle with covers	180/219		Konno; Toshihiko et al.
US 20060033890 A1	20060216	Display apparatus and image information generating method adapted to display apparatus	353/94	353/69	Hasegawa; Hiroshi
US 20060033247 A1	20060216	Refractory material for casting a rare-earth alloy and its production method as well as method for casting the rare-earth alloys	266/280		Hasegawa; Hiroshi et al.
US 20060022523 A1	20060202	Steering lock	307/10.1		Hasegawa; Hiroyasu
US 20060021814 A1	20060202	Wheeled vehicle with leg shield	180/219		Hasegawa; Hirofumi et al.
US	20060202	Steering lock	70/186		Hasegawa;

20060021399 A1					Hiroyasu
US 20060021398 A1	20060202	Steering lock	70/186		Hasegawa; Hiroyasu et al.
US 20060021397 A1	20060202	Steering lock	70/186		Hasegawa; Hiroyasu
US 20060017362 A1	20060126	Method of reducing the temperature difference between upper and lower portions of a lamp bulb, optical unit, projection type display apparatus and projection television apparatus	313/11		Uno; Nahoko et al.
US 20060012709 A1	20060119	Method of generating video reproduction synchronizing signal, program for generating video reproduction synchronizing signal, timing control apparatus, method of synchronously reproducing video and audio, program for synchronously reproducing video and audio, and apparatus for synchronously reproducing video and audio	348/515		Yamada; Norihiko et al.
US 20050285953 A1	20051229	Monitoring apparatus	348/239		Hasegawa, Hiroyuki et al.
US 20050273538 A1	20051208	Data processor	710/110	710/107	Teranuma, Tadashi et al.
US 20050244200 A1	20051103	Image heating apparatus and conveying roller for	399/333		Kanamori, Akihito et al.

		use therein			
US 20050241818 A1	20051103	Air conditioner	165/202	62/238.6; 62/323.1; 62/324.1	Yakumaru, Yuuichi et al.
US 20050235205 A1	20051020	Touch panel key input system for POS system	715/702		Hasegawa, Hiroyasu
US 20050217133 A1	20051006	Drying device and method of operation therefor	34/134	34/476	Yakumaru, Yuuichi et al.
US 20050215351 A1	20050929	Golf club head	473/345		Hasegawa, Hiroshi
US 20050214529 A1	20050929	Acrylic block copolymer and uses thereof	428/343		Hasegawa, Hiroaki et al.
US 20050214151 A1	20050929	Rotary compressor	418/125	418/105	Okaichi, Atsuo et al.
US 20050209924 A1	20050922	Operation process item setting system for POS system	705/16		Hasegawa, Hiroyasu
US 20050207926 A1	20050922	Scroll compressor	418/55.2		Nishiwaki, Fumitoshi et al.
US 20050207770 A1	20050922	Image heating apparatus having heater for externally heating fixing roller	399/67	399/327; 399/69	Nihonyanagi, Koji et al.
US 20050204755 A1	20050922	Drying apparatus	62/93	62/324.4	Nishiwaki, Fumitoshi et al.
US 20050200363 A1	20050915	Electrical inspection method and apparatus for printed wiring board for the electronic component mounting, and computer-readable recording medium	324/523		Hasegawa, Hiroshi et al.
US 20050174482 A1	20050811	Multi-screen video reproducing system	348/383	345/1.3	Yamada, Norihiko et al.
US 20050168710 A1	20050804	Projection-type display apparatus and control method for	353/98		Miyazawa, Yasunaga et al.

		projection-type display apparatus as well as control program for projection-type display apparatus			
US 20050168630 A1	20050804	Multi-screen video playback system	348/383	345/1.3	Yamada, Norihiko et al.
US 20050158199 A1	20050721	Vane rotary expansion engine	418/209	418/268	Hasegawa, Hiroshi et al.
US 20050157173 A1	20050721	Monitor	348/207.11	348/211.8; 348/333.02	Kurebayashi, Masaaki et al.
US 20050151838 A1	20050714	Monitoring apparatus and monitoring method using panoramic image	348/39		Fujita, Hironori et al.
US 20050146644 A1	20050707	Rear projection type multi-projection display	348/745		Miyazawa, Yasunaga et al.
US 20050138804 A1	20050630	Production device and production method for conductive nano-wire	29/847	118/620; 205/126; 216/13; 29/846	Hasegawa, Hiroyuki et al.
US 20050128685 A1	20050616	Solid electrolytic capacitor and process for its fabrication	361/525		Hasegawa, Hiroaki
US 20050117126 A1	20050602	Front projection type multi-projection display	353/94		Miyazawa, Yasunaga et al.
US 20050116268 A1	20050602	Semiconductor device	257/288	257/401; 257/E29.136; 438/197	Tahira, Koichi et al.
US 20050110959 A1	20050526	Multi-projection display	353/94		Miyazawa, Yasunaga et al.
US 20050100087 A1	20050512	Monitoring system and method, program, and recording medium	375/240.01		Hasegawa, Hiroyuki et al.
US 20050098239 A1	20050512	R-T-B based permanent magnet material alloy and R-T-B based permanent	148/302		Kuniyoshi, Futoshi et al.

		magnet			
US 20050090326 A1	20050428	Golf club shaft	473/319		Hasegawa, Hiroshi
US 20050062691 A1	20050324	Image display device and the color balance adjustment method	345/76		Tamura, Mitsuyasu et al.
US 20050061011 A1	20050324	Refrigerating cycle device	62/238.6	62/93	Yakumaru, Yuuichi et al.
US 20050041319 A1	20050224	Data erasing apparatus	360/66		Hasegawa, Hiroshi et al.
US 20050020212 A1	20050127	Controller for remote control system	455/41.2	455/39	Hiramitsu, Takayuki et al.
US 20050011588 A1	20050120	Centrifugal casting method, centrifugal casting apparatus, and cast alloy produced by same	148/302		Hasegawa, Hiroshi et al.
US 20040255125 A1	20041216	Originality guarantee system, embedded information/alteration detection apparatus and embedded information/alteration detection method, and record medium storing embedded information/alteration detection program therein	713/181		Hasegawa, Hiroshi
US 20040245847 A1	20041209	Noise reducer for vehicle wheel	301/37.33		Hasegawa, Hirotsugu
US 20040243817 A1	20041202	File creation apparatus and data output apparatus	713/193		Hasegawa, Hiroshi et al.
US 20040232817 A1	20041125	Electron gun and cathode ray tube device	313/414	313/409; 313/452	Hasegawa, Hiroshi et al.
US 20040210925 A1	20041021	Information viewing/listening system, information player, and	725/25	725/30; 725/31	Miyazawa, Yasunaga et al.

		information provider			
US 20040210871 A1	20041021	Apparatus for adjusting use resources of system and method thereof	717/120	717/106; 717/136	Hasegawa, Hiroki et al.
US 20040209698 A1	20041021	Golf swing diagnosis system	473/150	473/151; 473/152; 473/156	Ueda, Masahiko et al.
US 20040206610 A1	20041021	Switch device	200/10		Hasegawa, Hiroyasu et al.
US 20040206109 A1	20041021	Refrigerating cycle device	62/468	62/114	Nishiwaki, Fumitoshi et al.
US 20040199057 A1	20041007	Health care system	600/300	128/920; 128/921; 600/485; 600/547; 600/595	Hasegawa, Hiroki et al.
US 20040194125 A1	20040930	Information viewing/listening system	725/30	725/25	Miyazawa, Yasunaga et al.
US 20040170937 A1	20040902	Combustion apparatus	431/18		Asano, Kimiaki et al.
US 20040149268 A1	20040805	4-Stroke engine control device and control method	123/478		Hasegawa, Hiroshi et al.
US 20040131006 A1	20040708	Multi-layered optical disk and optical disk recording/reproducing apparatus	369/275.3	369/286; 428/64.4; 430/945	Hasegawa, Hiroshi
US 20040126726 A1	20040701	Combustion apparatus	431/208		Hamada, Tetsurou et al.
US 20040126725 A1	20040701	Combustion apparatus	431/89	431/11; 431/171; 431/353	Nakamura, Yutaka et al.
US 20040123621 A1	20040701	Refrigeration cycle device	62/468	62/470; 62/513	Okaza, Noriho et al.
US 20040119708 A1	20040624	Image display method and image display device	345/419		Hasegawa, Hiroshi
US 20040093250	20040513	Kitchen order system	705/7		Hasegawa, Hiroyasu

A1					
US 20040092043 A1	20040513	Semiconductor manufacturing method and semiconductor manufacturing apparatus	438/14		Hasegawa, Hiroyuki et al.
US 20040083743 A1	20040506	Compressor and refrigerant system device using the same	62/114	417/DIG.1	Suzuki, Masaaki et al.
US 20040054259 A1	20040318	Endoscope apparatus with drum part to wind insertion part therearound	600/152	600/102	Hasegawa, Hiroshi et al.
US 20040051989 A1	20040318	Data erasing device using permanent magnet	360/66		Hasegawa, Hiroshi et al.
US 20040043342 A1	20040304	Combustion apparatus	431/1		Asano, Kimiaki et al.
US 20040042827 A1	20040304	Heat fixing apparatus	399/328		Izawa, Satoru et al.
US 20040027453 A1	20040212	Monitoring system, monitoring method, computer program, and storage medium	348/143	348/155	Hasegawa, Hiroyuki et al.
US 20040011063 A1	20040122	Compressor and refrigerant system device using the same	62/114	418/178; 62/498	Suzuki, Masaaki et al.
US 20040002984 A1	20040101	Monitoring system and method, and program and recording medium used therewith	707/100		Hasegawa, Hiroyuki et al.
US 20030121507 A1	20030703	Supercharger	123/559.3		Hasegawa, Hiroyuki et al.
US 20030109372 A1	20030612	Refractory material for casting a rare-earth alloy and its production method as well as method for casting the rare-earth alloys	501/95.1	501/103; 501/104; 501/105; 501/128; 501/152; 501/95.2; 501/95.3	Hasegawa, Hiroshi et al.
US	20030529	Rare earth magnet	148/302	164/463	Hasegawa,

20030098094 A1		alloy ingot, manufacturing method for the same, R-T-B type magnet alloy ingot, R-T-B type magnet, R-T-B type bonded magnet, R-T-B type exchange spring magnet alloy ingot, R-T-B type exchange spring magnet, and R-T-B type exchange spring bonded magnet			Hiroshi et al.
US 20030077063 A1	20030424	Information recording/reproducing apparatus	386/39		Hasegawa, Hiroshi
US 20030061044 A1	20030327	Method of calculating HMM output probability and speech recognition apparatus	704/256.5		Miyazawa, Yasunaga et al.
US 20030040919 A1	20030227	Data calculation processing method and recording medium having data calculation processing program recorded thereon	704/500		Miyazawa, Yasunaga et al.
US 20030022728 A1	20030130	Golf club shaft	473/319		Hasegawa, Hiroshi
US 20030022469 A1	20030130	Semiconductor manufacturing method and semiconductor manufacturing apparatus	438/492		Hasegawa, Hiroyuki et al.
US 20030017064 A1	20030123	Linear compressor	417/417		Kawahara, Sadao et al.
US 20030010856 A1	20030116	Drag washer of reel for fishing and reel for washing using the same	242/246		Katayama, Hitoshi et al.
US	20030102	Playback apparatus	720/631		Hasegawa,

20030002422 A1		with structure for preventing wrong-insertion of recording medium			Hiroshi et al.
US 20020184472 A1	20021205	Microcomputer	712/33	712/35	Ohsuga, Hiroshi et al.
US 20020153062 A1	20021024	Centrifugal casting method, centrifugal casting apparatus, and cast alloy produced by same	148/105	148/302	Hasegawa, Hiroshi et al.
US 20020139871 A1	20021003	Fuel injection device having heater	239/585.1	239/128; 239/135; 239/585.4; 239/585.5	Hokao, Takayuki et al.
US 20020130618 A1	20020919	Plasma display panel with an improved electrode structure	313/584		Hasegawa, Hiroshi et al.
US 20020124405 A1	20020912	Method of manufacturing fuel injector for internal combustion engine	29/890.12		Hasegawa, Hiroshi et al.
US 20020118977 A1	20020829	Fixing device and image forming apparatus	399/69	399/44	Hasegawa, Hiroto et al.
US 20020114534 A1	20020822	Computer-readable recording medium storing resolution converting program, resolution converting device and resolution converting method	382/276	345/698	Nakamura, Kyoko et al.
US 20020088247 A1	20020711	PLATE	62/457.6	220/575; 220/592.01	Hasegawa, Hiroshi
US 20020063524 A1	20020530	Plasma display panel	313/582		Nakamura, Tadashi et al.
US 20020061605 A1	20020523	Method of purging CVD apparatus and method for judging maintenance of times of semiconductor production apparatuses	438/5		Hasegawa, Hiroyuki et al.

US 20020047591 A1	20020425	Alternating current plane discharge type plasma display panel	315/169.4		Hirano, Naoto et al.
US 20020033033 A1	20020321	Shift lever device	70/247		Hasegawa, Hiroyasu
US 20020032365 A1	20020314	Endoscope apparatus with drum part to wind insertion part therearound	600/102	600/146	Hasegawa, Hiroshi et al.
US 20020023539 A1	20020228	Method for storing natural gas by adsorption and adsorbing agent for use therein	95/143		Tange, Kyoichi et al.
US 20020021637 A1	20020221	Recording apparatus, recording medium, reading apparatus, and recording medium determination method	369/47.39	369/53.22	Iida, Michihiko et al.
US 20020008944 A1	20020124	Mr head and method for producing the same, and magnetic recording/reproducing apparatus	360/313	29/603.06; 360/234.7	Honma, Yoshiyasu et al.
US 20010056096 A1	20011227	Hydrazones and analogs as cholesterol lowering agents	514/250	514/241; 514/252.05; 514/255.05; 514/256; 514/300; 514/312; 514/357; 514/397; 514/406; 514/408	Medina, Julio C. et al.
US 20010055361 A1	20011227	Loading/unloading method, a crane rotating apparatus, and a hoisting apparatus	376/260	376/347; 414/560; 414/800	Hasegawa, Hiroshi et al.
US 20010051898 A1	20011213	Information mediating apparatus and method and storage medium storing information	705/26		Nishikiori, Masaaki et al.

		mediating program therein			
US 20010041078 A1	20011115	Image forming apparatus	399/44	399/69; 399/70	Miyamoto, Toshio et al.
US 20010031317 A1	20011018	Reflection-reducing film	427/402	428/220	Hasegawa, Hiroaki et al.
US 20010028613 A1	20011011	Optical disk, optical disk apparatus, and optical disk tracking error determination method	369/44.25	369/275.3; 369/44.26	Okamoto, Yutaka et al.
US 20010025870 A1	20011004	Wire replacement device	226/110	226/140	Hasegawa, Hiroshi
US 20010025152 A1	20010927	Detergent container with massage brush	601/17	601/137	Sakai, Hirokazu et al.
US 20010023884 A1	20010927	Electric wire feeding apparatus	226/124	226/172	Hasegawa, Hiroshi et al.
US 20010023531 A1	20010927	Terminal changeover system	29/747	29/712; 29/761	Hasegawa, Hiroshi
US 20010019900 A1	20010906	Semiconductor manufacturing method and semiconductor manufacturing apparatus	438/765		Hasegawa, Hiroyuki et al.
US 20010016132 A1	20010823	FIXING APPARATUS PREVENTING LEAKAGE OF ELECTRIC CURRENT FROM INNER SURFACE OF FIXING ROLLER	399/330	219/216; 399/333; 432/60	NANATAKI, HIDEO et al.
US 20010013162 A1	20010816	Electric wire supplying apparatus	29/33M	221/294; 226/137; 29/753	Hasegawa, Hiroshi
US 20010011863 A1	20010809	Shadow mask structure having no wrinkle of shadow	313/407	313/402	Hasegawa, Hiroshi

		mask and cathode-ray tube excellent in screen luminance and color-purity			
US 20010009349 A1	20010726	Shadow mask assembly	313/402	313/407	Tanaka, Yoshito et al.
US 20010005320 A1	20010628	Linear compressor driving device, medium and information assembly	363/95		Ueda, Misuo et al.
US 20010002352 A1	20010531	Shadow mask structure and color CRT	445/35		Mizuta, Kiyofumi et al.
US 7033843 B2	20060425	Semiconductor manufacturing method and semiconductor manufacturing apparatus	438/11	438/12; 438/16	Hasegawa; Hiroyuki et al.
US 7027249 B2	20060411	Data erasing apparatus	360/66	360/67	Hasegawa; Hiroshi et al.
US 7014718 B2	20060321	Rare earth magnet alloy ingot, manufacturing method for the same, R-T-B type magnet alloy ingot, R-T-B type magnet, R-T-B type bonded magnet, R-T-B type exchange spring magnet alloy ingot, R-T-B type exchange spring magnet, and R-T-B type exchange spring bonded magnet	148/302	420/121; 420/83	Hasegawa; Hiroshi et al.
US D516919 S	20060314	Detergent container with massage brush	D9/529	D4/116; D9/715	Sakai; Hirokazu et al.
US 7004749 B2	20060228	Combustion apparatus	431/18	431/90	Asano; Kimiaki et al.
US 6999303 B2	20060214	Solid electrolytic capacitor and process for its fabrication	361/523	29/25.03; 361/516; 361/525; 361/528; 361/529;	Hasegawa; Hiroaki

				361/530	
US 6998065 B1	20060214	Fluid compositions containing refrigerator oils and chlorine-free fluorocarbon refrigerants	252/68	252/67; 508/485; 508/495	Hasegawa; Hiroshi et al.
US 6962059 B2	20051108	Refrigerating cycle device	62/513	252/67; 252/68; 252/69; 62/468; 62/470	Okaza; Noriho et al.
US D509752 S	20050920	Detergent container with massage brush	D9/715		Sakai; Hirokazu et al.
US 6918757 B2	20050719	Combustion apparatus	431/89	431/171; 431/353; 431/36; 431/37; 431/62	Nakamura; Yutaka et al.
US 6918128 B2	20050712	Playback apparatus with structure for preventing wrong-insertion of recording medium	720/647		Hasegawa; Hiroshi et al.
US 6915099 B2	20050705	Heat fixing apparatus	399/328	399/67	Izawa; Satoru et al.
US 6908299 B2	20050621	Combustion apparatus	431/12	431/72	Asano; Kimiaki et al.
US 6898171 B1	20050524	Information recording medium with index header	369/275.3	369/59.25	Sugaya; Toshihiro et al.
US 6887721 B2	20050503	Method of purging CVD apparatus and method for judging maintenance of times of semiconductor production apparatuses	438/5	438/478	Hasegawa; Hiroyuki et al.
US 6875127 B2	20050405	Golf club shaft	473/319		Hasegawa; Hiroshi
US 6874325 B2	20050405	Compressor and refrigerant system device using the same	62/114	310/215; 417/DIG.1; 62/498	Suzuki; Masaaki et al.
US 6871511 B2	20050329	Refrigeration-cycle equipment	62/498		Okaza; Noriho et al.
US 6846285 B2	20050125	Endoscope apparatus with drum part to wind insertion part therearound	600/102	600/146	Hasegawa; Hiroshi et al.

US 6840058 B2	20050111	Refrigerating cycle apparatus and method	62/474	62/502	Suzuki; Masaaki et al.
US 6820137 B2	20041116	Computer-readable recording medium storing resolution converting program, resolution converting device and resolution converting method	710/1	345/419; 345/698; 382/203; 382/227; 382/274; 382/276; 710/2	Nakamura; Kyoko et al.
US 6810855 B2	20041102	4-Stroke engine control device and control method	123/445	123/472	Hasegawa; Hiroshi et al.
US 6803722 B2	20041012	Plasma display panel	313/582	313/584; 313/631	Nakamura; Tadashi et al.
US 6799431 B2	20041005	Compressor and refrigerant system device using the same	62/114	252/68	Suzuki; Masaaki et al.
US 6797081 B2	20040928	Centrifugal casting method, centrifugal casting apparatus, and cast alloy produced by same	148/539	148/101; 164/114; 164/116; 164/286; 164/298	Hasegawa; Hiroshi et al.
US 6796126 B2	20040928	Supercharger	60/605.1	123/559.1; 123/561	Hasegawa; Hiroyuki et al.
US 6794204 B2	20040921	Semiconductor manufacturing method and semiconductor manufacturing apparatus	438/14	438/906	Hasegawa; Hiroyuki et al.
US 6776805 B2	20040817	Semiconductor manufacturing apparatus having a moisture measuring device	29/25.01	438/908	Hasegawa; Hiroyuki et al.
US 6742998 B2	20040601	Linear compressor with vibration canceling spring arrangement	417/416	417/363; 417/415; 417/902	Kawahara; Sadao et al.
US 6704448 B1	20040309	Device and method for extracting specific region from image and computer-readable recording medium storing region extraction	382/173	382/118; 382/164; 382/192	Hasegawa; Hiromu

		program			
US 6703772 B2	20040309	Plasma display panel with an improved electrode structure	313/384	313/583; 313/585	Hasegawa; Hiroshi et al.
US 6701102 B2	20040302	Method and apparatus for controlling the temperature in a fixing device of an image forming apparatus	399/69	219/216; 399/330	Hasegawa; Hiroto et al.
US 6641069 B2	20031104	Drag washer of reel for fishing and reel for washing using the same	242/246		Katayama; Hitoshi et al.
US 6629579 B1	20031007	Headphones/earmuffs	181/129	2/208; 2/209; 381/309	Hasegawa; Hiroshi
US 6620493 B2	20030916	Reflection-reducing film	428/220	351/163; 359/586; 428/180; 428/212; 428/327; 428/349; 428/421; 428/428; 428/447; 428/701	Hasegawa; Hiroaki et al.
US 6618932 B2	20030916	Terminal changeover system	29/747	29/33M; 29/712; 29/753; 29/761; 29/863; 72/441; 72/446; 72/712	Hasegawa; Hiroshi
US 6613126 B2	20030902	Method for storing natural gas by adsorption and adsorbing agent for use therein	95/95	502/416; 502/526; 95/115; 95/143; 95/901	Tange; Kyoichi et al.
US 6605615 B2	20030812	Hydrazones and analogs as cholesterol lowering agents	514/311	514/314; 546/168; 546/173	Medina; Julio C. et al.
US 6602558 B1	20030805	Non-linear optical silica thin film manufacturing method and non-linear optical silica element	427/526	117/108; 427/163.1; 427/527; 427/529; 427/533; 438/788	Komeda; Osamu et al.
US 6601300	20030805	Method of	29/890.128	29/469;	Hasegawa;

B2		manufacturing fuel injector for internal combustion engine		29/890.129; 29/890.131	Hiroshi et al.
US 6600711 B1	20030729	Optical recording medium including prepit sequence formed at predetermined interval between land track and neighboring groove track along spiral	369/109.02	369/111; 369/275.3; 369/275.4	Hasegawa; Hiroshi
US 6598421 B1	20030729	Compressor and refrigeration system	62/498	310/215; 417/DIG.1; 62/114	Suzuki; Masaaki et al.
US 6590741 B1	20030708	Magnetic head having grooves to enhance contact with magnetic recording media and magnetic recording/reproducing apparatus	360/122	360/130.24	Hasegawa; Kenji et al.
US 6582621 B1	20030624	Refrigerator oils for use with chlorine-free fluorocarbon refrigerants	252/68	252/67; 508/485; 508/495	Sasaki; Umekichi et al.
US 6575049 B1	20030610	Shift lever device	74/473.1	74/473.23	Hasegawa; Hiroyasu
US 6568228 B2	20030527	Shift lever device	70/247	70/245	Hasegawa; Hiroyasu
US 6564185 B1	20030513	Continuous speech recognition method and program medium with alternative choice selection to confirm individual words	704/251	704/235	Miyazawa; Yasunaga et al.
US 6561168 B2	20030513	Fuel injection device having heater	123/557	123/41.31; 239/133	Hokao; Takayuki et al.
US 6529879 B1	20030304	Electronic cash register enabling to select recommendation commodities to a customer	705/16		Hasegawa; Hiroyasu
US 6512337	20030128	Alternating current	315/169.4	313/494;	Hirano; Naoto

B2		plane discharge type plasma display panel		313/498; 315/169.1; 345/55; 345/60; 345/63	et al.
US 6512326 B1	20030128	Color cathode-ray tube	313/407	313/408	Arai; Shinji et al.
US 6508090 B1	20030121	Vehicle shift lever device	70/247	477/99; 70/237; 70/248; 70/292; 74/473.1	Hasegawa; Hiroyasu et al.
US 6501240 B2	20021231	Linear compressor driving device, medium and information assembly	318/135	310/12; 318/119; 318/127; 318/811; 37/95; 37/97	Ueda; Mitsuo et al.
US 6493521 B2	20021210	Image forming apparatus	399/44	399/69; 399/70	Miyamoto; Toshio et al.
US 6493193 B2	20021210	MR head with MR element and reinforcing body mounted via non-organic film	360/313	360/122; 360/126; 360/324; 360/327	Honma; Yoshiyasu et al.
US 6491758 B1	20021210	CVD apparatus equipped with moisture monitoring	118/715	73/29.01	Hasegawa; Hiroyuki et al.
US 6487445 B1	20021126	Method and apparatus for measuring distribution of body fat	600/547	600/587	Serita; Eiichi et al.
US 6486972 B1	20021126	Video data transfer apparatus	358/1.9	358/515; 358/523	Hasegawa; Hirokazu
US 6480670 B1	20021112	Video signal encoding method and system	386/109	348/699; 375/240.01; 375/240.21	Hatano; Yoshiko et al.
US 6459670 B1	20021001	Optical information recording method and optical information recording device	369/59.12	369/47.51; 369/59.24	Kuwahara; Maho et al.
US 6446039 B1	20020903	Speech recognition method, speech recognition device, and recording medium on which is recorded a speech recognition processing program	704/255	704/250	Miyazawa; Yasunaga et al.
US 6444048	20020903	Alloy for use in	148/101	148/302;	Hasegawa;

B1		preparation of R-T-B-based sintered magnet and process for preparing R-T-B-based sintered magnet		419/12; 75/255	Hiroshi et al.
US 6437774 B1	20020820	Display and input device and display and input system	345/173	345/156	Tsuji; Yoshitaka et al.
US 6434970 B1	20020820	Plate	62/457.6	219/759; 220/574.2	Hasegawa; Hiroshi
US 6434690 B1	20020813	Microprocessor having a DSP and a CPU and a decoder discriminating between DSP-type instructions and CUP-type instructions	712/35	712/209	Ohsuga; Hiroshi et al.
US 6420476 B1	20020716	Composite dielectric material composition, and film, substrate, electronic part and molded article produced therefrom	524/575	524/430; 524/443; 524/444	Yamada; Toshiaki et al.
US 6416463 B1	20020709	Electronic endoscope	600/130	600/104; 600/109; 600/153	Tsuzuki; Masaru et al.
US 6411488 B1	20020625	On board current control device	361/160	361/154; 361/58	Nishiwaki; Fumihiko
US 6409488 B1	20020625	Rotary compressor	418/67		Ikoma; Mitsuhiro et al.
US 6405302 B1	20020611	Microcomputer	712/35	710/306; 710/36; 712/32; 712/36	Ohsuga; Hiroshi et al.
US 6385830 B2	20020514	Electric wire supplying apparatus	29/33M	221/294; 226/137; 29/564.4; 29/753	Hasegawa; Hiroshi
US 6371907 B1	20020416	Endoscope apparatus driving manipulation wires with drive motor in drum portion	600/146	600/102; 600/150; 600/152	Hasegawa; Hiroshi et al.
US 6364967 B1	20020402	High-strength, high-toughness rolled shape steel and method of producing the same	148/320	148/330; 148/333; 148/334; 148/335; 148/648;	Yamamoto; Kouichi et al.

				148/653; 148/654	
US 6361491 B1	20020326	Optical adaptor for highy precision endoscope	600/175	348/45; 356/241.5; 600/111; 600/166; 600/170; 600/172	Hasegawa; Hiroshi et al.
US 6361069 B1	20020326	Head-protection air- bag device	280/730.2	280/749; 280/801.1; 280/801.2; 280/808	Saito; Etsuji et al.
US 6358572 B1	20020319	Method for manufacturing a nonlinear optical thin film	427/527	427/534; 427/567	Nakamura; Naoki et al.
US 6349281 B1	20020219	Voice model learning data creation method and its apparatus	704/246		Miyazawa; Yasunaga et al.
US 6347211 B1	20020212	Fixing apparatus preventing leakage of electric current from inner surface of fixing roller	399/328	399/333	Nanataki; Hideo et al.
US 6328825 B1	20011211	Alloy used for production of a rare- earth magnet and method for producing the same	148/541	148/100; 148/540	Hasegawa; Hiroshi et al.
US 6316503 B1	20011113	LXR modulators	514/604	514/352; 514/354; 514/365; 514/371; 514/447; 514/448; 514/585; 514/596; 546/308; 546/310; 548/196; 548/200; 549/69; 549/72; 564/26; 564/52; 564/53; 564/55; 564/84; 564/92	Li; Leping et al.
US 6308844	20011030	Method for handling	212/270	212/276	Okada; Hisako

B1		an equipment inside a building by a crane installed outside			et al.
US 6298566 B1	20011009	Angular-displacement detecting device	33/1PT	33/503; 338/114; 338/160	Endo; Michiko et al.
US 6288597 B1	20010911	Temperature sensing circuit for voltage drive type semiconductor device and temperature sensing method therefore, and drive-device and voltage drive type semiconductor device using the same	327/513	327/403; 327/405; 327/432; 327/478	Hasegawa; Hiroyuki et al.
US D446991 S	20010828	Portable gas burner	D7/337		Taniguchi; Hitoshi et al.
US 6252922 B1	20010626	Method of handling a nuclear reactor and an apparatus used in the handling method	376/260	376/268; 376/272	Hasegawa; Hiroshi et al.
US 6230386 B1	20010515	Automatic cutting and press-fitting apparatus for electric wire	29/564.4	29/33M	Hasegawa; Hiroshi
US 6212757 B1	20010410	Automatic cutting and crimping apparatus	29/564.4	29/33M; 29/753	Hasegawa; Hiroshi
US 6209045 B1	20010327	Data processor and data processing system	710/15	709/208; 714/34	Hasegawa; Hironobu et al.
US 6198787 B1	20010306	Method of handling a nuclear reactor and an apparatus used in the handling method	376/260	376/268; 376/272	Hasegawa; Hiroshi et al.
US 6191045 B1	20010220	Method of treating surface of sample	438/714	216/72; 216/75; 216/79; 257/E21.311; 257/E21.312; 438/715; 438/719; 438/720; 438/738	Yoshigai; Motohiko et al.
US 6185065	20010206	Electromagnetic	360/97.02	361/685;	Hasegawa;

B1		shielding apparatus for a memory storage disk module which permits air flow for cooling		361/687; 361/818	Hiroshi et al.
US 6154949 A	20001205	Automatic wire cutting and crimping apparatus	29/564.4	29/33M	Hasegawa; Hiroshi
US 6153118 A	20001128	Fluid compositions containing refrigerator oils and chlorine-free fluorocarbon refrigerants	252/68	508/485; 508/492	Hasegawa; Hiroshi et al.
US 6150044 A	20001121	Magnetic head	428/815	360/120; 428/900	Hasegawa; Hiroyuki et al.
US 6142556 A	20001107	Wiring structure in vehicle	296/146.7	174/72A; 296/39.1; 439/34	Tanaka; Atsuo et al.
US 6132195 A	20001017	Rotary compressor	418/67	418/91	Ikoma; Mitsuhiro et al.
US 6130396 A	20001010	Electric resistance welding system	219/110		Hasegawa; Hiroshi et al.
US 6117538 A	20000912	Deoxidizing multilayered body and method or manufacturing the same	428/315.9	156/229; 156/299; 156/300; 428/317.9; 428/319.7; 428/319.9; 428/910	Hirata; Masukazu et al.
US 6113110 A	20000905	Metal gasket	277/593		Hasegawa; Hirokazu
US 6108500 A	20000822	Image forming apparatus	399/67		Ohkama; Yuko et al.
US 6105971 A	20000822	Metal gasket	277/593		Hasegawa; Hirokazu
US 6091460 A	20000718	Video signal encoding method and system	348/699	375/240.16	Hatano; Yoshiko et al.
US 6088178 A	20000711	Magnetic recording and reproducing apparatus	360/50	360/46	Ishida; Tatsuaki et al.
US 6085058 A	20000704	Image forming apparatus having transfer rotary member with surface	399/313	399/314; 399/328; 399/333	Goto; Masahiro et al.

		friction greater than that of image bearing member			
US D426662 S	20000613	Portable gas lantern	D26/40		Taniguchi; Hitoshi et al.
US 6075228 A	20000613	Image heating device with bimetal thermoprotector	219/216	399/329; 399/69	Goto; Masahiro et al.
US 6071943 A	20000606	Imidazole derivative and medicine comprising the same as active ingredient	514/400	548/336.1; 548/341.5	Shioiri; Noriaki et al.
US 6070139 A	20000530	Bifurcated speaker specific and non-speaker specific speech recognition method and apparatus	704/275	704/270	Miyazawa; Yasunaga et al.
US 6057233 A	20000502	Process for producing thin film	438/659	427/553; 427/561; 427/562; 427/565; 427/595; 427/596; 438/478; 438/662; 438/795; 438/798	Nakamura; Naoki et al.
US 6046218 A	20000404	Pyridine derivative and medicament containing the same as an effective ingredient	514/348	514/277; 514/885; 546/296	Hasegawa; Hiroshi et al.
US 6045629 A	20000404	Alloy used for production of a rare-earth magnet and method for producing the same	148/302	148/105; 148/303; 252/62.51R; 75/348	Hasegawa; Hiroshi et al.
US 6038531 A	20000314	Similar word discrimination method and its apparatus	704/232	704/255	Miyazawa; Yasunaga et al.
US 6018508 A	20000125	Intensity of a light beam changed according to the length of a mark	369/59.11	369/116; 369/275.2	Hasegawa; Hiroshi
US 6012894 A	20000111	Automatic lot	414/806	414/273;	Watanabe;

		organization method		414/807; 414/940	Hiroshi et al.
US 6005594 A	19991221	Fixing apparatus having a fixing roller with a non-adhesive surface layer	347/156	399/333	Nanataki; Hideo et al.
US 5999365 A	19991207	Electromagnetic shielding apparatus for a memory storage disk module which permits air flow for cooling	360/97.02	361/685; 361/687; 361/818	Hasegawa; Hiroshi et al.
US 5991555 A	19991123	Image forming apparatus	399/18	399/33; 399/69	Suzumi; Masahiko et al.
US 5983186 A	19991109	Voice-activated interactive speech recognition device and method	704/275	704/233; 704/251	Miyazawa; Yasunaga et al.
US 5982354 A	19991109	Manual input unit	345/158	345/157; 463/36	Arita; Takashi et al.
US 5977478 A	19991102	Solar module	136/259	126/684; 126/685; 126/698; 136/246; 250/216; 250/225; 257/432; 257/436; 359/485; 359/494; 359/496; 359/497; 359/742; 359/831; 359/834; 359/837	Hibino; Kouetsu et al.
US 5963774 A	19991005	Method for producing cast alloy and magnet	419/33	148/302; 419/38; 420/121; 420/83	Sasaki; Shiro et al.
US 5961641 A	19991005	Data processor and data processing system	713/1	709/208	Hasegawa; Hironobu et al.
US 5948179 A	19990907	Alloy used for production of a rare-earth magnet and	148/301	148/303; 148/442; 420/581	Hasegawa; Hiroshi et al.

		method for producing the same			
US 5948123 A	19990907	Coloring method for hides	8/404	8/161; 8/436; 8/94.1R; 8/94.11; 8/94.19R	Hirata; Junichi et al.
US 5946658 A	19990831	Cartridge-based, interactive speech recognition method with a response creation capability	704/275	704/244; 704/251; 704/258	Miyazawa; Yasunaga et al.
US 5945811 A	19990831	Pulse charging method and a charger	320/141	320/145	Hasegawa; Hirokazu et al.
US 5935977 A	19990810	Substituted vinyl pyridine derivative and drugs containing the same	514/348	546/296	Yamazaki; Kazuo et al.
US 5929600 A	19990727	Battery pack and method of producing the same	320/112	429/122	Hasegawa; Hiroyuki
US 5912783 A	19990615	Magnetic recording and reproducing apparatus having ring-type magnetic head with metallic soft magnetic films of differing thicknesses	360/88	360/119; 360/126; 360/93; 360/97.01	Ishida; Tatsuaki et al.
US 5908590 A	19990601	Process and apparatus for manufacturing a foamed resin container with a label	264/45.4	264/153; 264/511; 425/126.1; 425/297; 425/4R; 425/817R	Yoshimi; Toru et al.
US 5908513 A	19990601	Cast alloy used for production of rare earth magnet and method for producing cast alloy and magnet	148/302	420/121; 420/83	Sasaki; Shiro et al.
US 5899972 A	19990504	Interactive voice recognition method and apparatus using affirmative/negative content discrimination	704/249	704/236; 704/251	Miyazawa; Yasunaga et al.
US 5874912 A	19990223	Serial-parallel A/D converter	341/161	341/155	Hasegawa; Hiroshi

US 5869598 A	19990209	Block polymer thermoplastic addition polymer and their production process and use	528/364	528/374; 528/376	Yoshida; Masatoshi et al.
US 5867726 A	19990202	Microcomputer	712/32		Ohsuga; Hiroshi et al.
US 5867235 A	19990202	Assembling construction of a display apparatus and assembling method therefor	349/58	29/830; 340/636.1; 340/636.15; 349/149	Hasegawa; Hiroshi
US 5842168 A	19981124	Cartridge-based, interactive speech recognition device with response-creation capability	704/275	704/244; 704/251; 704/258	Miyazawa; Yasunaga et al.
US 5821780 A	19981013	Comparator operable with low power supply voltage	327/63	327/309; 327/91	Hasegawa; Hiroshi
US 5821482 A	19981013	Keyboard switch having dustproof and droplet-proof push-button	200/5A	200/341; 200/517	Ootani; Yasuo et al.
US 5813111 A	19980929	Apparatus for inserting wire-equipped terminal in connector housing	29/748		Maejima; Takamichi et al.
US 5794204 A	19980811	Interactive speech recognition combining speaker-independent and speaker-specific word recognition, and having a response-creation capability	704/275	704/244; 704/251; 704/258	Miyazawa; Yasunaga et al.
US 5789900 A	19980804	Device for protecting a secondary battery from overcharge and overdischarge	320/132	320/134; 320/136	Hasegawa; Hiroyuki et al.
US 5786783 A	19980728	Analog-to-digital converter having signal pipeline and reference pipelines	341/172		Hasegawa; Hiroshi
US 5786050 A	19980728	Easy opening pouch	428/35.2	206/484; 383/114;	Otsuka; Yoshiaki et al.

				383/121; 428/35.7; 428/475.8; 428/476.1; 428/515; 428/516; 428/910	
US 5776574 A	19980707	Optical recording medium and optical recording/reproducing apparatus	428/64.1	369/100; 369/121; 369/275.1; 369/283; 428/64.4; 428/64.6; 428/913; 430/270.13; 430/495.1; 430/945	Honguh; Yoshinori et al.
US 5769050 A	19980623	Prechamber for diesel engine	123/257	123/259; 123/263; 123/286	Ito; Hideaki et al.
US 5766383 A	19980616	Pneumatic tire	152/209.18	152/209.27; 152/903	Hasegawa; Hirotsugu et al.
US 5764643 A	19980609	ISDN interface unit	370/463	370/522; 370/904	Takebayashi; Tomoyoshi et al.
US 5754926 A	19980519	Charging device	399/175	361/225; 399/174	Sakuraba; Tamotsu et al.
US 5747396 A	19980505	Glass and ceramic substrate using the same	501/32	501/66; 501/67; 501/69; 501/70; 501/72	Miyakoshi; Toshinobu et al.
US 5725042 A	19980310	Method for producing hydrogen-absorbing alloy	164/114	164/117; 164/136; 420/900	Hirose; Yoichi et al.
US 5712700 A	19980127	Imaging apparatus including a pixel shifting means	355/35	348/264; 355/55; 355/71; 358/448	Nagaishi; Katsuya et al.
US 5708434 A	19980113	Resistor string digital/analog converter with resetting switches	341/148	341/150; 341/154	Hasegawa; Hiroshi
US 5705421 A	19980106	A SOI substrate fabricating method	438/459	148/DIG.12; 257/E21.567; 438/970; 438/977	Matsushita; Takeshi et al.
US 5699200 A	19971216	Lens assembly which zooms by combined	359/700	359/699; 359/703;	Uno; Tetsuya et al.

		movement of plural barrels		359/819	
US 5697017 A	19971209	Image forming apparatus having process cartridge with shutter and cleaning member	399/71	399/114	Rooke; Paul Allen et al.
US 5690381 A	19971125	Spare seat for vehicle	297/234	297/233; 297/411.34	Hasegawa; Hiroaki et al.
US 5682576 A	19971028	Fixing device	399/69	219/216; 399/33	Sakai; Hiroaki et al.
US 5682102 A	19971028	Electrostatic capacity measuring instrument for stator winding of electric rotating machine	324/545	324/689; 324/772; 340/648	Takahashi; Shinji et al.
US 5679762 A	19971021	Block polymer, thermoplastic addition polymer, and their production process and use	528/364	528/374; 528/376	Yoshida; Masatoshi et al.
US 5677692 A	19971014	High-speed and low-voltage driven analog-to-digital converter	341/161	341/118; 341/120; 341/158	Hasegawa; Hiroshi
US 5673249 A	19970930	Phase change type optical recording apparatus and optical recording method using an overwrite system	369/53.29	369/116; 369/53.27	Hasegawa; Hiroshi et al.
US 5673248 A	19970930	Phase change type optical recording apparatus and optical recording method using an overwrite system	369/53.29	369/116; 369/275.4; 369/53.27	Hasegawa; Hiroshi et al.
US 5669147 A	19970923	Tilt sensor	33/334	200/276; 200/61.52; 200/DIG.29; 33/366.11	Nakajima; Noriaki et al.
US 5646386 A	19970708	Vacuum interrupter	218/129		Yorita; Mitsumasa et al.
US 5638373 A	19970610	ISDN interface unit	370/467	370/524; 375/242	Takebayashi; Tomoyoshi et

					al.
US 5622086 A	19970422	Shift lever device and slide cover structure therefor	74/566	74/473.33	Suzuki; Kenji et al.
US 5597993 A	19970128	Vacuum interrupter	218/129		Yorita; Mitsumasa et al.
US 5589924 A	19961231	Electrophotographic image forming system	399/350	399/346	Yano; Hideyuki et al.
US 5588206 A	19961231	Method for inserting wire-equipped terminal in connector housing	29/845	29/748	Maejima; Takamichi et al.
US 5579006 A	19961126	A/D converter	341/162	341/135	Hasegawa; Hiroshi et al.
US 5563943 A	19961008	ISDN interface unit with separate ring generator	379/373.01	370/524; 379/418	Takebayashi; Tomoyoshi et al.
US 5558012 A	19960924	Automatic bundling machine	100/26	100/31; 140/93.6; 53/138.8; 53/589	Yamashima; Osamu et al.
US 5557327 A	19960917	Image input apparatus with two-dimensional pixel shift	348/340	348/219.1; 348/239	Hasegawa; Hiroshi et al.
US 5556860 A	19960917	Quinazolinone derivatives possessing calcium uptake inhibiting activity	514/258.1	514/217.06; 514/234.2; 514/266.1; 514/266.21; 514/266.3; 544/278; 544/279; 544/284; 544/286	Muraoka; Masami et al.
US 5551830 A	19960903	Automatic lot organization method	414/807	414/273; 414/331.04; 414/940	Watanabe; Hiroshi et al.
US 5545969 A	19960813	Battery residual capacity displaying system with discharged electrical quantity computation section	320/134	320/149; 320/152; 324/427; 340/636.12; 340/636.13; 340/636.15	Hasegawa; Hirokazu
US 5534974 A	19960709	Printing apparatus performing	399/1	399/81	Hasegawa; Hironobu

		bidirectional communication with a plurality of user terminals			
US 5521810 A	19960528	Rectifying saturable reactor	363/91	336/175; 363/128	Yamaguchi; Sataro et al.
US 5519472 A	19960521	Developing apparatus using elastic blade	399/274	399/270	Ojima; Masaki et al.
US 5517277 A	19960514	Battery pack	396/281	320/127; 320/149; 396/301	Goto; Tetsuro et al.
US 5512198 A	19960430	Lubricating compositions comprising fluoroalkane refrigerant, an ester and/or polyglycol oil, and an inorganic boron compound	252/68	252/67; 252/69; 508/160	Sasaki; Umekichi et al.
US 5511956 A	19960430	High pressure fuel pump for internal combustion engine	417/271	123/496; 417/273; 417/364	Hasegawa; Hiroshi et al.
US 5510515 A	19960423	Process for purifying polar vinyl compound	560/218		Akizawa; Toshiyuki et al.
US 5495085 A	19960227	Vacuum interrupter	218/123	218/127; 218/129	Yorita; Mitsumasa et al.
US 5479977 A	19960102	Pneumatic tire with carcass structure for increased sidewall rigidity	152/542	152/209.5; 152/454; 152/525; 152/526; 152/531; 152/533; 152/543; 152/546; 152/547; 152/550; 152/552; 152/554; 152/555	Tamano; Akiyoshi et al.
US 5474826 A	19951212	Optical recording medium and optical recording/reproducing apparatus	428/64.6	369/100; 369/121; 428/65.1; 428/913; 430/270.11; 430/270.13;	Honguh; Yoshinori et al.

				430/945	
US 5468315 A	19951121	Method of and apparatus for producing multilayer ceramic board	156/64	100/220; 100/246; 100/318; 100/319; 100/320; 100/38; 156/381; 156/580; 156/583.1; 156/89.12; 425/111; 425/408; 425/519; 425/520	Okada; Ken'ichi et al.
US 5464550 A	19951107	Refrigerator oil composition containing phosphate ester additives for fluoroalkane refrigerant	252/68	252/67; 508/436	Sasaki; Umekichi et al.
US 5454861 A	19951003	Composition for forming protective layer of dielectric material	106/2	106/287.1; 106/287.16; 106/287.17; 106/287.19; 252/62.3BT; 252/62.3R	Hasegawa; Hiromi et al.
US 5450412 A	19950912	ISDN interface unit	370/463	370/524; 710/22	Takebayashi; Tomoyoshi et al.
US 5447647 A	19950905	Synthetic lubricating oil	252/68	252/67; 508/304	Ishida; Noboru et al.
US 5443745 A	19950822	Lubricant for refrigerating machine	508/304	252/67; 252/68; 62/114	Sakamoto; Tetsuro et al.
US 5435364 A	19950725	Pneumatic radial tire with four main grooves	152/209.18	152/209.22; 152/209.28	Hasegawa; Hirotsugu et al.
US 5431975 A	19950711	Optical recording medium and optical recording/reproducing apparatus	428/64.6	346/135.1; 347/264; 428/457; 428/913; 430/270.13; 430/945	Honguh; Yoshinori et al.
US 5424602 A	19950613	Piezoelectric transformer showing a reduced input	310/359	310/366	Sato; Masuji et al.

		impedance and step-up/step-down operation for a wide range of load resistance			
US 5416665 A	19950516	Vehicle electromagnetic clutch control device	361/154	361/196; 477/175; 477/176	Nishiwaki; Fumihiko et al.
US 5410523 A	19950425	Optical pickup driving apparatus	369/44.15	369/44.13; 369/44.17; 369/44.27	Koike; Shigeaki et al.
US 5391311 A	19950221	Fluid compositions for refrigerators	508/304	252/68; 508/435; 508/440; 508/441; 508/462	Ishida; Noboru et al.
US 5379353 A	19950103	Apparatus and method for controlling a moving vehicle utilizing a digital differential analysis circuit	382/104	382/281	Hasegawa; Hiroshi et al.
US 5371430 A	19941206	Piezoelectric transformer producing an output A.C. voltage with reduced distortion	310/359	310/366	Sato; Masuji et al.
US 5370809 A	19941206	Synthetic lubricating oils	508/304	252/68; 508/462; 558/266	Ishida; Noboru et al.
US 5362918 A	19941108	Process for producing acetaldehyde dimethylacetal	568/594	203/68; 203/70; 568/605; 568/699	Aizawa; Toshiyuki et al.
US 5359666 A	19941025	Driving way judging device and method	382/104	348/119; 382/199; 701/28	Nakayama; Shigeto et al.
US 5356528 A	19941018	Copper foil for printed circuits and method of producing same	205/155	148/265; 205/125; 205/177; 205/196; 205/197	Fukuda; Katsuhito et al.
US 5343223 A	19940830	Image forming apparatus	347/139	347/134	Tohyama; Yoshio et al.
US 5338619 A	19940816	Copper foil for printed circuits and method of producing	428/623	428/624; 428/632; 428/658;	Fukuda; Katsuhito et al.

		same		428/674	
US 5321482 A	19940614	Process cartridge and image forming apparatus including a lubricant provided on a cleaning member for cleaning an image bearing member	399/346	399/350	Yano; Hideyuki et al.
US 5307689 A	19940503	Mass flowmeter	73/861.357		Nishiyama; Shigeru et al.
US 5307419 A	19940426	Control device of an autonomously moving body and evaluation method for data thereof	382/153	348/119; 382/199; 701/28	Tsujino; Hiroshi et al.
US 5305660 A	19940426	Shift knob	74/553	16/441; 74/523; 74/538; 74/543; 74/551.9	Hasegawa; Hiroyasu
US 5300517 A	19940405	Piperidine compounds having anti-acetylcholinesterase activity	514/326	546/208	Hasegawa; Hiroshi et al.
US 5298576 A	19940329	Sizing agent for carbon fiber and carbon fiber treated with said sizing agent	525/528	523/205; 528/93	Sumida; Atsushi et al.
US 5286917 A	19940215	Apparatus for developing electrostatic latent image and developing roller therefor	399/279		Unno; Akira et al.
US 5279752 A	19940118	Composition for lubricating oil	252/68	252/78.5; 508/304; 508/433	Hasegawa; Hiroshi et al.
US 5279045 A	19940118	Minute particle loading method and apparatus	34/360	228/246; 228/41; 257/E21.508; 34/402; 34/558; 34/565; 34/576; 366/101; 366/102	Odashima; Hitoshi et al.
US 5276308 A	19940104	Controller for resistance welding	219/110		Hasegawa; Hiroshi
US 5262076 A	19931116	Synthetic lubricating oils	508/433	252/68; 508/462	Ishida; Noboru et al.

US 5259229 A	19931109	Apparatus for cooling thin-webbed H-beam steel	72/201	239/562	Inagaki; Akira et al.
US 5253028 A	19931012	Image forming apparatus having a plurality of vertically stacked image forming units and providing easily conducted jam clearing and maintenance	399/124	271/3.14; 271/9.09; 271/9.11; 271/902; 399/130	Gonda; Takashi et al.
US 5253022 A	19931012	Image forming apparatus	399/313	399/66	Takeuchi; Akihiko et al.
US 5251805 A	19931012	Wire bonding method and apparatus	228/180.5	228/1.1; 228/111; 228/173.5	Tani; Mitsukiyo et al.
US 5247587 A	19930921	Peak data extracting device and a rotary motion recurrence formula computing device	382/168	382/104; 382/266; 382/291	Hasegawa; Hiroshi et al.
US 5243390 A	19930907	Device for conveying developer in a developing device	399/254		Takemoto; Shinichi et al.
US 5241845 A	19930907	Neurocontrol for washing machines	68/12.02	68/12.04; 68/12.16; 68/12.21; 706/23; 706/904	Ishibashi; Osamu et al.
US 5240934 A	19930831	Quinoline derivatives	514/290	514/292; 514/297; 540/521; 540/580; 546/104; 546/79; 546/93	Hasegawa; Hiroshi et al.
US 5235386 A	19930810	Charging device having charging member, process cartridge and image forming apparatus	399/176	361/225; 399/222	Yano; Hideyuki et al.
US 5226298 A	19930713	Thermoelectric air conditioner with absorbent heat exchanger surfaces	62/3.4	62/281; 62/309; 62/325	Yamamoto; Yoshiaki et al.
US D336890 S	19930629	Geared motor	D13/112		Hirose; Hideo

					et al.
US 5221943 A	19930622	Image forming apparatus	399/111	347/138; 358/296	Hasegawa; Hirofumi
US 5220615 A	19930615	Apparatus for and method of hough-converting coordinate data	382/281	708/421; 708/442	Ishii; Jun et al.
US 5202729 A	19930413	Developing apparatus having a coated developing roller	399/103	399/119; 399/274	Miyamoto; Toshio et al.
US 5191778 A	19930309	Process for producing thin-webbed H-beam steel	72/12.2	148/511; 148/641; 148/643; 239/557; 266/134; 72/201; 72/342.6; 72/365.2	Inagaki; Akira et al.
US 5190961 A	19930302	Thiourea derivatives and antimicrobial agent and antulcer agent containing the same	514/331	514/308; 514/318; 514/326; 514/343; 514/353; 514/422; 514/428; 514/438; 514/447; 514/471; 514/472; 514/586; 546/193; 546/213; 546/214; 546/231; 546/276.4; 546/305; 546/331; 548/517; 548/527; 548/567; 549/482; 549/496; 549/69; 549/77; 564/17; 564/22; 564/23; 564/27	Hasegawa; Hirokazu et al.
US 5190951 A	19930302	Quinoline derivatives	514/292	546/103;	Hasegawa;

				546/81; 546/84	Hiroshi et al.
US D332626 S	19930119	Writing instrument	D19/48	D19/43; D19/51; D19/57	Wada; Yoshihiro et al.
US 5179397 A	19930112	Image forming apparatus with constant voltage and constant current control	347/140	399/168; 399/297	Ohzeki; Yukihiro et al.
US 5177549 A	19930105	Image forming apparatus supplied with controllable bias voltage	399/320		Ohtsuka; Yasumasa et al.
US 5177537 A	19930105	Developing apparatus with elastic regulating member urged to a developer carrying member	399/222		Okano; Keiji et al.
US D332073 S	19921229	Automobile tire	D12/518		Hasegawa; Hirotsugu
US 5172317 A	19921215	Automatic travelling apparatus	701/28	180/169	Asanuma; Nobuyoshi et al.
US 5172315 A	19921215	Automatic travelling apparatus and method	701/28	180/169	Asanuma; Nobuyoshi et al.
US D330882 S	19921110	Automobile tire	D12/550		Hasegawa; Hirotsugu
US 5162845 A	19921110	Image forming apparatus	399/13	271/303; 346/44; 355/46; 361/727; 399/361	Ariyama; Takayuki et al.
US 5157442 A	19921020	Image forming apparatus	399/276	399/350; 430/110.4	Tanigawa; Koichi et al.
US 5153654 A	19921006	Image forming apparatus having transfer member for carrying transfer material	399/318		Yuminamochi; Takayasu et al.
US 5153645 A	19921006	Position indexing indicators for editing an image forming apparatus	399/183	358/453; 399/184	Hasegawa; Hirofumi et al.
US 5150167 A	19920922	Image forming apparatus	399/16	271/186; 271/225; 271/256;	Gonda; Takashi et al.

				399/361	
US 5150166 A	19920922	Image forming system including attachable sheet supplying units for transporting sheets directly to an image forming part	399/110	347/153; 399/391; 399/393	Matsuura; Yasuhiro et al.
US 5146789 A	19920915	Turbine flowmeter	73/861.91	.	Kato; Takashi et al.
US 5128923 A	19920707	Disc cartridge for cleaning an objective lens	369/292	15/160; 360/128; 369/71; 369/72	Hasegawa; Hiroyuki et al.
US 5122817 A	19920616	Electrophotographic recorder using a modulated laser beam to scan the original	399/5	347/137; 347/256; 358/296; 399/1; 399/220	Hasegawa; Hirofumi et al.
US 5097329 A	19920317	Process for judging a runway	348/171	348/143; 382/103; 382/203	Hasegawa; Hiroshi et al.
US 5090764 A	19920225	Vehicle body construction for hardtop convertible	296/107.08	296/136.02	Kogawa; Hiroshi et al.
US 5090540 A	19920225	Shift range device for automatic transmission	192/87.19	74/335; 74/473.3	Hasegawa; Hiromi et al.
US 5084760 A	19920128	Copying machine providing copy paper corresponding to read image area	358/300	358/450; 358/453; 399/2; 399/370	Hashimoto; Kaoru et al.
US 5083273 A	19920121	Temperature detection for electromagnetic clutch of vehicle	701/68	477/174; 477/179; 477/76; 477/87	Nishiwaki; Fumihiko et al.
US 5080816 A	19920114	Lubricant for refrigerating machine	508/582		Sakamoto; Tetsuro et al.
US 5077453 A	19911231	Arc-extinguisher of a switch	218/74		Hasegawa; Hiroshi et al.
US D320772 S	19911015	Automobile tire	D12/555		Hasegawa; Hirotsugu
US 5057868 A	19911015	Developing apparatus having a sealing construction for preventing a toner leakage	399/105	399/284	Sekino; Hitoshi et al.
US 5051757 A	19910924	Optical scanning with	347/258	347/250;	Hasegawa;

		cylindrical lens and beam slit		358/296	Hirofumi
US 5048106 A	19910910	Image reader	382/298	355/55; 355/56; 358/406; 358/451; 358/474; 382/317	Nakajima; Akio et al.
US 5047805 A	19910910	Developing device having a space for receiving and increasing pressure of toner received therein	399/105	399/264	Oka; Tateki et al.
US 5045365 A	19910903	Process for producing metal foil coated with flame sprayed ceramic	427/453	118/69; 427/398.3	Okano; Norio et al.
US 5032993 A	19910716	Control for an automatic transmission	701/62	477/125; 477/132; 477/139; 477/906; 701/55	Hasegawa; Hiromi et al.
US 5030461 A	19910709	Colored shoyu (soy sauce)	426/253	426/266	Tokita; Hiroshi et al.
US 5028756 A	19910702	Electrode wire for electric spark cutting	219/69.12	420/429; 420/430	Ezaki; Shigeo et al.
US 5027302 A	19910625	Device for switching vehicle operating characteristics	701/48	280/5.514; 280/5.518; 280/5.519	Asanuma; Nobuyoshi et al.
US 5025286 A	19910618	Laser beam image forming apparatus with SOS Detection	399/6	347/134; 355/66; 399/220	Hasegawa; Hirofumi et al.
US 5018466 A	19910528	Sewing machine	112/275		Hasegawa; Hiroshi
US 5017961 A	19910521	Image forming apparatus with use of a laser beam	399/5	347/129; 358/296; 358/300; 399/6	Hasegawa; Hirofumi et al.
US 5006934 A	19910409	Copying machine capable of storing image data	358/296	347/129; 358/401; 399/81	Hashimoto; Kaoru et al.
US 4991957 A	19910212	Borescope apparatus	356/241.4	385/118	Sakamoto; Nobuyuki et al.
US 4982205 A	19910101	Laser beam scanner in which the line scan time is maintained constant by decreasing the	347/261	359/218	Hasegawa; Hirofumi

		rotating speed of a scanning element as the number of reflective facets thereon increases			
US 4978977 A	19901218	Laser scanner with conjugate condition lens	347/258	347/261; 358/302; 359/205; 359/217	Ohmori; Naoto et al.
US 4977275 A	19901211	Pyrrole derivatives	548/539	546/279.1; 548/517; 548/527	Hasegawa; Hiroshi et al.
US 4974921 A	19901204	Light beam scanning apparatus	359/218	347/260	Miyata; Shin et al.
US 4972740 A	19901127	Hydraulic control circuit for automatic transmission	477/134	477/125	Hasegawa; Hiromi et al.
US 4972236 A	19901120	Compact image forming apparatus for double-sided and composite copying	399/16	271/186; 271/291; 399/361	Hasegawa; Hirofumi
US 4967133 A	19901030	Motor control apparatus	318/798	318/759; 318/806	Hasegawa; Hiroshi
US 4966794 A	19901030	Artificial stone molded body and process for fabrication thereof	428/15	156/61; 264/331.18	Hasegawa; Hiroaki et al.
US 4965870 A	19901023	Image forming apparatus with use of a laser beam	355/68	355/40; 399/221	Hasegawa; Hirofumi et al.
US 4965747 A	19901023	Image forming apparatus	358/1.7	345/442; 347/129; 347/900	Ohtsuka; Yasumasa et al.
US 4961035 A	19901002	Rotational angle control of screw tightening	318/600	173/183; 318/652; 388/907.5	Inaba; Hidetoshi et al.
US D310803 S	19900925	Automobile tire	D12/590		Hasegawa; Hirotsugu
US 4949090 A	19900814	Transmit/receive module test system	342/173	342/372	Tamii; Seizo et al.
US 4948525 A	19900814	Lubricating oil compositions for refrigerators	508/304	252/68; 252/69; 508/433; 508/579	Sasaki; Umekichi et al.
US 4947019 A	19900807	Composite electrode for resistance welding	219/119	219/120	Akiyama; Kazutoyo et al.
US 4945390 A	19900731	Image-forming	399/405	271/301;	Hasegawa;

		apparatus		271/303	Hirofumi et al.
US 4944193 A	19900731	Automatic transmission with a power take-off mechanism	74/15.86	475/331; 74/15.66	Harada; Kouhei et al.
US 4941559 A	19900717	Wet friction member, and wet frictional engagement apparatus for a transmission using the same	192/107R	192/107M; 192/70.14	Ishikawa; Keiichi et al.
US 4941457 A	19900717	Endoscope using an optical guide twisted on the tip side to have the visual field direction and curvature axis coincide with each other	600/142	356/241.4; 600/111; 600/170; 600/175; 600/182	Hasegawa; Hiroshi
US 4939788 A	19900703	Circuit arrangement for indicating electric field strength	455/241.1	455/250.1	Hasegawa; Hiroki
US 4936896 A	19900626	Device for confirming whether a lock is locked or unlocked	70/432	70/276; 70/408; 70/413	Takatsuka; Jitsuho
US 4934044 A	19900619	Wiring method and apparatus for electronic circuit boards or the like	29/850	156/196; 156/199; 228/173.5; 269/217; 29/853; 29/854	Hasegawa; Hiroshi et al.
US 4924982 A	19900515	Oil pressure clutch mechanism for an automatic transmission	192/48.8	192/85AA; 192/87.1; 192/87.11	Harada; Kouhei et al.
US 4924269 A	19900508	Original illuminating apparatus	399/178	399/220	Hasegawa; Hirofumi
US 4922087 A	19900501	Image reader capable of calculating the real focal length of a projecting lens	250/201.4	355/56; 358/497	Nakajima; Akio et al.
US 4918996 A	19900424	Turbine flowmeter	73/861.91	384/402	Kato; Takashi et al.
US 4916480 A	19900410	Image forming apparatus with use of a laser beam	355/71	399/220; 399/380	Hasegawa; Hirofumi et al.
US 4908605 A	19900313	Device for confirming whether a lock is	340/542	70/432	Takatsuka; Jitsuho

		locked or unlocked			
US 4903533 A	19900227	Turbine flowmeter	73/861.91	384/370; 384/371	Kato; Takashi et al.
US 4881810 A	19891121	Endoscope with a removable cover member	356/241.5	385/117; 600/127; 600/140	Hasegawa; Hiroshi
US 4880091 A	19891114	Control circuit for fluid coupling with lock-up clutch	192/3.3	192/3.29	Hasegawa; Hiromi et al.
US 4876359 A	19891024	Novel gamma- butyrolactone derivatives	548/533	546/245; 548/407; 548/540; 548/953; 549/265; 549/321; 549/323	Hasegawa; Hiroshi et al.
US 4875618 A	19891024	Wire stacked bonding method	228/180.5	219/56.1; 219/56.22; 228/4.5; 257/E21.518; 361/773	Hasegawa; Hiroshi et al.
US 4870877 A	19891003	Hydraulic control circuit for automatic transmission	477/125	477/132	Hasegawa; Hiromi et al.
US 4870294 A	19890926	Image scanning apparatus with expanded magnification capability	358/451	250/235; 355/57; 358/494	Hasegawa; Hirofumi
US 4860732 A	19890829	Endoscope apparatus provided with endoscope insertion aid	600/109	356/241.5; 600/114; 600/175	Hasegawa; Hiroshi et al.
US 4848817 A	19890718	Hook forceps apparatus for industrial endoscopes	294/19.1	385/118; 415/118	Hasegawa; Hiroshi
US 4843909 A	19890704	Automatic transmission control method	475/119	475/123; 477/117	Hasegawa; Hiromi et al.
US 4837846 A	19890606	Method of the image processing	382/272	358/3.01	Oyabu; Masaaki et al.
US 4828084 A	19890509	Control circuit for fluid coupling with high-gear clutch	192/3.3	192/3.29	Hasegawa; Hiromi et al.
US 4816486 A	19890328	Amide derivatives and 5-lypoxigenase	514/620	564/170	Takai; Makoto et al.

		inhibitors containing the same			
US 4811606 A	19890314	Mass flowmeter	73/861.357		Hasegawa; Hiroaki et al.
US 4807598 A	19890228	Endoscope having fixing and expanding members	600/140	600/153; 600/182	Hasegawa; Hiroshi
US 4788197 A	19881129	Pyrazine derivatives useful as platelet aggregation inhibitors	514/252.1	514/255.05; 544/336; 544/410	Wakabayashi; Toshio et al.
US 4786770 A	19881122	Switchgear	218/23	218/53	Hamano; Suenobu et al.
US 4772874 A	19880920	Keyboard apparatus	341/26	341/33	Hasegawa; Hiroshi
US 4768396 A	19880906	Rotary cam assembly	74/567	137/315.39; 137/637; 477/156	Takahashi; Shigeo et al.
US 4758394 A	19880719	Method of and apparatus for forming cups of expanded resin	264/51	264/321; 264/337; 264/531; 264/573; 264/DIG.66; 425/342.1; 425/384; 425/398; 425/4R	Yaita; Masato et al.
US 4751376 A	19880614	Image reader with focus and magnification detection control	250/201.8	358/406; 358/451; 358/497	Sugiura; Masamichi et al.
US 4745576 A	19880517	Address assignment system for image memory	711/202		Hasegawa; Hirokazu et al.
US 4739650 A	19880426	Gas flow measuring apparatus	73/118.2	73/861.74	Matsuura; Takeo et al.
US 4737812 A	19880412	Automatic focusing camera	396/133	396/535	Hasegawa; Hiroshi et al.
US 4736409 A	19880405	Control data transmission system for private branch exchange	379/269	370/360; 379/166	Hasegawa; Hiroyuki et al.
US 4733581 A	19880329	Automatic transmission provided with mode preventing increase in oil temperature	477/98	477/144	Hasegawa; Hiromi et al.

US 4733390 A	19880322	Data transmission system	370/461	340/825.5; 370/509	Shirakawa; Masakazu et al.
US 4729107 A	19880301	Pattern data conversion processing system	358/1.17	345/658; 382/297; 382/298	Hasegawa; Hirokazu et al.
US 4713284 A	19871215	Ceramic coated laminate and process for producing the same	442/233	156/247; 156/285; 427/453; 427/454; 428/209; 428/210; 428/901	Hasegawa; Hiroshi et al.
US 4673349 A	19870616	High temperature surface combustion burner	431/328	126/92AC; 431/170	Abe; Fumio et al.
US 4668069 A	19870526	Exposure control device in a camera	396/231	396/240; 396/241	Hasegawa; Hiroshi
US 4659879 A	19870421	Key switch	200/5A	200/517; 341/33; 361/288	Hasegawa; Hiroshi
US 4654435 A	19870331	Process for addition reaction of unsaturated organic compounds	560/61	560/51; 562/459; 562/464; 562/471	Kitahara; Shizuo et al.
US 4651773 A	19870324	Throttle valve assembly	137/315.39	137/315.22; 137/636.1; 137/637; 251/263; 477/156	Takahashi; Shigeo et al.
US 4643558 A	19870217	Electronic power supply	396/301	327/393; 327/544	Hasegawa; Hiroshi
US D288078 S	19870203	Automobile tire	D12/596		Hasegawa; Hirotsugu
US 4631214 A	19861223	Transparent electromagnetic wave shielding material	428/68	174/35MS; 219/740; 264/1.9; 264/273; 264/342R; 264/348; 315/85; 428/161; 428/164; 428/172; 428/74; 428/76; 442/281; 976/DIG.330	Hasegawa; Hiroaki

US 4618752 A	19861021	Gas-insulated interrupter	218/48		Ozaki; Yukio et al.
US 4606242 A	19860819	Parking device	74/606R	74/577S	Hasegawa; Hiromi et al.
US 4584377 A	19860422	Novel Fredericamycin A derivatives	546/15		Yokoi; Koichi et al.
US 4566994 A	19860128	Flame-retardant electrical insulating oil composition	252/574	106/18.18; 106/18.19; 252/580; 252/78.5	Hasegawa; Hiroshi et al.
US 4566079 A	19860121	Cassette-type magnetic-bubble memory apparatus	365/1		Hasegawa; Hiroshi et al.
US 4523830 A	19850618	Automatic control type electronic flash apparatus	396/163	396/201; 396/295	Iida; Yoshikazu et al.
US 4519683 A	19850528	Electronic flash apparatus	396/159	396/201	Hagyuda; Nobuyoshi et al.
US 4509843 A	19850409	Apparatus for controlling a micro-processor unit in a camera	396/303	396/213; 396/250	Hasegawa; Hiroshi
US 4494851 A	19850122	Display unit for flashlight photography	396/163	396/174; 396/175	Maida; Osamu et al.
US 4491404 A	19850101	Flash photography system	396/169	396/180; 396/251	Hasegawa; Hiroshi et al.
US 4489993 A	19841225	CRT mounting structure	312/7.2		Hasegawa; Hiroshi et al.
US 4482932 A	19841113	Keyboard switch	361/288		Hasegawa; Hiroshi
US 4462278 A	19840731	Transmission for vehicles	475/123	475/131	Murakami; Noboru et al.
US 4450506 A	19840522	Automatic light-quantity-control speed light	362/4	315/241S; 362/5; 396/166; 396/201	Hasegawa; Hiroshi
US RE31567 E	19840424	Automatic control indication device in an automatic control type electronic flash unit	396/163	396/201	Hasegawa; Hiroshi
US 4439953 A	19840403	Abrasive disc holder	451/521	451/510	Block; Aleck et al.
US 4412041 A	19831025	Process for modifying	525/154	525/262;	Kitahara;

		rubbers employing a compound containing a carboxyl and an aldehyde group		525/301	Shizuo et al.
US 4412031 A	19831025	Modified rubber composition employing a compound containing a carboxyl and an aldehyde group	524/526	524/511; 524/512; 524/572; 525/154; 525/262; 525/301	Kitahara; Shizuo et al.
US 4405911 A	19830920	Electromagnetic relay	335/202	335/135	Hasegawa; Hiroshi et al.
US 4389424 A	19830621	Production of semiprocessed fried potato pieces for preservation at room temperature	426/546	426/412; 426/415; 426/438; 426/637; 426/808	Hasegawa; Hiroshi
US 4388068 A	19830614	Metal heating furnace	432/122	126/91A; 432/209	Takeuchi; Osamu et al.
US 4377095 A	19830322	Speed change gear system	475/276		Murakami; Noboru et al.
US 4376095 A	19830308	Hollow fiber-type artificial lung having enclosed heat exchanger	422/46	128/DIG.3; 261/DIG.28; 422/48	Hasegawa; Hiroshi
US 4359275 A	19821116	Single lens reflex camera system capable of TTL flash output control	396/162	396/180; 396/268; 396/358	Hasegawa; Hiroshi
US 4354750 A	19821019	Flash unit having a flash output control device	396/163		Hasegawa; Hiroshi et al.
US 4351600 A	19820928	Flash output control failure warning device of an automatic flash output control speed light	396/203		Hasegawa; Hiroshi et al.
US 4304478 A	19811208	Information introducing device of an electronic flash unit	396/155		Katayama; Akira et al.
US 4298263 A	19811103	Electromagnetic release device in a camera	396/465		Hasegawa; Hiroshi
US 4287549 A	19810901	Circuit for charging a	361/156	396/465	Hasegawa;

		release magnet energizing capacitor in a camera			Hiroshi et al.
US 4286855 A	19810901	Electromagnetic releasing device	396/465	396/502	Hasegawa; Hiroshi
US 4285171 A	19810825	Abrasive flap drum	451/469	15/230.12; 51/293	Block; Aleck et al.
US 4265622 A	19810505	Foot controller for electrical dental instruments	433/101		Hasegawa; Hiroshi
US 4258992 A	19810331	Automatic control device for a camera having an electromagnetic release device	396/252	396/264; 396/301	Hasegawa; Hiroshi
US 4239729 A	19801216	Oxygenator	422/48	128/DIG.3	Hasegawa; Hiroshi et al.
US 4228381 A	19801014	Flash tube apparatus with delayed emission	315/151	315/241P; 396/159	Hasegawa; Hiroshi
US 4217737 A	19800819	Abrasive flap drum	451/469	15/230.16; 15/230.17	Hasegawa; Hiroshi
US 4199236 A	19800422	Synchronizing speed warning apparatus for camera	396/167	396/180; 396/201	Goto; Tetsuro et al.
US 4196997 A	19800408	Interchangeable lens for a camera	396/298		Ohmori; Sachio et al.
US 4193677 A	19800318	Warning circuit in an auto-controlled flashlight photographing device	396/203	396/204	Hasegawa; Hiroshi et al.
US 4189219 A	19800219	Control system for flash photographing apparatus	396/160		Hasegawa; Hiroshi et al.
US 4164370 A	19790814	Shutter device in a camera	396/482		Kimura; Shuji et al.
US 4163924 A	19790807	Circuit for turning on a charging-completion indicator separate from a flash unit	315/241P	315/133; 340/660; 396/203; 396/206	Hasegawa; Hiroshi et al.
US 4160160 A	19790703	Circuit for integrating a quantity of light in an automatic control type flash unit	250/214P	315/151; 396/159; 396/205	Hasegawa; Hiroshi et al.
US 4122465 A	19781024	Device for indicating	396/163	315/134;	Hasegawa;

		condition of exposure in an automatic control type electronic flash unit for flash photography		315/151; 396/201	Hiroshi et al.
US 4113660 A	19780912	Production of shaped catalysts or carriers comprising titanium oxides	502/84	423/239.1; 502/208; 502/242; 502/340; 502/350	Abe; Kazunobu et al.
US 4090333 A	19780523	Flexible grinding wheel	451/468		Block; Aleck et al.
US 4089013 A	19780509	Flashlight information signal generating device for a camera	396/159		Hasegawa; Hiroshi et al.
US 4072620 A	19780207	Electrical insulating oil	585/6.6	208/14; 208/19	Masunaga; Midori et al.
US 4069166 A	19780117	Electrical insulating oils	585/6.6	208/14; 208/19; 252/73; 585/12	Masunaga; Midori et al.
US 3999193 A	19761221	Automatic control indication device in an automatic control type electronic flash unit	396/163	315/136; 315/151; 315/241P; 396/201	Hasegawa; Hiroshi
US 3955086 A	19760504	Radiation thickness gauge	378/56	250/252.1; 324/132; 702/170	Tsujii; Tatsuo et al.
US 3946091 A	19760323	Aromatic co-polyester articles showing reduced crazing	525/444		Sakata; Hiroshi et al.
US 3932030 A	19760113	Illuminating device in an ophthalmometer	351/212	351/205; 351/216	Hasegawa; Hiroshi et al.
US 3884990 A	19750520	Aromatic co-polyester composition containing polyethylene oxybenzoate and aromatic phenolic polyester	525/448	525/437; 525/934; 528/173; 528/191; 528/193; 528/206	Sakata; Hiroshi et al.
US 3861781 A	19750121	SEPARABLE OPTICAL FIBER CONNECTOR AND THE METHOD OF MANUFACTURING	385/80	385/60; 385/85; 65/407	Hasegawa; Hiroyuki et al.

		THE SAME			
US 3795498 A	19740305	METHOD OF MAKING AN ABRASIVE WHEEL	51/297	451/466	Hasegawa; Hiroshi
US 3786320 A	19740115	SCHOTTKY BARRIER PRESSURE SENSITIVE SEMICONDUCTOR DEVICE WITH AIR SPACE AROUND PERIPHERY OF METAL-SEMICONDUCTOR JUNCTION	257/418	257/E29.324	Kano; Gota et al.
US 3769060 A	19731030	SPECIFIC PROCESSED CLOTHS AND A METHOD OF PRODUCING THE SAME	428/196	427/160; 427/170; 427/210; 428/907; 428/920; 428/921; 428/922	Ida; Shunya et al.
US 3763408 A	19731002	SCHOTTKY BARRIER SEMICONDUCTOR DEVICE HAVING A SUBSTANTIALLY NON-CONDUCTIVE BARRIER FOR PREVENTING UNDESIRABLE REVERSE-LEAKAGE CURRENTS AND METHOD FOR MAKING THE SAME	257/284	257/483	Kano; Gota et al.
US 3746950 A	19730717	PRESSURE-SENSITIVE SCHOTTKY BARRIER SEMICONDUCTOR DEVICE HAVING A SUBSTANTIALLY NON-	257/415	257/483; 257/486	Kano; Gota et al.

		CONDUCTIVE BARRIER FOR PREVENTING UNDESIRABLE REVERSE- LEAKAGE CURRENTS AND METHOD FOR MAKING THE SAME			
US 3742315 A	19730626	SCHOTTKY BARRIER TYPE SEMICONDUCTOR DEVICE WITH IMPROVED BACKWARD BREAKDOWN VOLTAGE CHARACTERISTIC	257/483	148/DIG.102; 148/DIG.115; 148/DIG.139; 148/DIG.51; 257/487; 257/618; 257/627; 257/E21.223; 257/E23.022; 257/E29.338	Iizuka; Mutsuo et al.
US 3733896 A	19730522	COMPUTING APPARATUS FOR A CALORIMETER	374/40	235/61C; 476/1	Soya; Masahiro et al.
US 3684785 A	19720815	PROCESS FOR THE PRODUCTION OF CIS-1,4- POLYISOPRENE	526/159	526/141; 526/142; 526/340.2; 526/89; 526/903	Hasegawa; Hiroaki et al.
US 3634931 A	19720118	METHOD FOR MANUFACTURING PRESSURE SENSITIVE SEMICONDUCTOR DEVICE	438/133	257/108; 257/155; 257/414; 257/E29.324; 438/139; 438/537; 438/571	Kano; Gota et al.
US 3499918 A	19700310	MANUFACTURE OF HIGHLY PURE ALUMINUM ALCOHOLATE [TEXT AVAILABLE IN USOCR DATABASE]	556/185	556/182; 568/700; 568/715; 568/716; 568/780; 568/821; 568/834; 568/835; 568/838; 568/840	SATO MIKIO et al.